

Merritt Harvey

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SUMMARY

Software Engineer with 8+ years of experience building full-stack web applications and backend microservices. Skilled in VB.NET, Java (Spring Boot), and RESTful API/Web API architecture, with experience across the SQL Server, Entity Framework Core, and Azure DevOps toolchain. Currently leads a team of engineers, managing task assignments, code review, and deployment.

EXPERIENCE

Software Engineer Team Lead — Simplicity Software

Mar 2024 – Present

Greater St. Louis · On-site

- Lead 5 engineers on a user portal serving 80,000+ users: task assignment, code review, and deployments.
- Architected role-based access control for 65 roles across contractor, distributor, and admin organizations.
- Rebuilt a nationwide contractor rebate program end to end, from enrollment to \$10M+ in annual payouts.
- Build full-stack features with VB.NET, Web API, EF Core, SQL Server, Razor, and jQuery via Azure DevOps.
- Build, deploy, and maintain ~20 client microsites using AI tooling, GitHub, and Cloudflare (e.g., aw-ins.com).
- Support MSP clients: password resets, endpoint management, M365/AD admin, MFA, and VPN troubleshooting.

Senior Software Engineer — Mastercard

Oct 2022 – Mar 2024

St. Louis, Missouri · Hybrid

- Developed backend services for Mastercard's Dispute Lifecycle microservices using Java Spring Boot.

Software Engineer — Simplicity Software

May 2018 – Oct 2022

Greater St. Louis - On-Site

- Developed front-end features using HTML, JavaScript, jQuery, and AJAX calls to a RESTful API.
- Built server-side services using VB.NET, Web API architecture, and SQL Server.
- Used GitHub, Swagger, Jenkins, and AWS services (S3, SES, EC2, etc.) as part of the development toolset.

SKILLS

Languages & Frameworks: VB.NET, Java (Spring Boot), JavaScript, jQuery, HTML, Razor, ASP.NET Web API, EF Core

Data: SQL Server, MySQL, PostgreSQL

Cloud & DevOps: Azure DevOps, Azure Repos, Azure Pipelines, AWS (S3, SES, EC2), Jenkins, GitHub, Swagger

Other: Team Leadership, Code Review, RESTful API Design, Microservices

EDUCATION

Bachelor of Science, Computer Science — Iowa State University

2014 – 2018